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Signature

June 22, 2006

Date of Signature

Our Case No. 10125-4124

Client Ref. No. OPP-EZ-2003-0065-US-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

June Ho Park et al.

Serial No. 10/696,440

Filing Date: October 28, 2003

For LIQUID CRYSTAL DISPLAY DEVICE

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) Examiner: George Y Wang

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) Group Art Unit No. 2871
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AMENDMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 22, 2006, please amend the
application as follows:

Listing of the Claims begins on page 2 of this paper.

Remarks begin on page 4 of this paper

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1-10. (Cancelled)

11. (Currently Amended) A liquid crystal display (LCD) device comprising:
lower and upper substrates facing each other;
a liquid crystal layer between the lower and upper substrates;
a first polarizing plate on the upper substrate;
a second polarizing plate below the lower substrate, the second polarizing plate having a light-diffusion layer on a surface thereof; wherein the light-diffusion layer is disposed in contact with the lower substrate; and
a backlight unit below the second polarizing plate.

12. (Original) The LCD device of claim 11, wherein the second polarizing plate comprises a first adhesive layer, a first passivation layer, a polarizer, a second passivation layer, a second adhesive layer, a $\lambda/4$ phase shift plate, a third adhesive layer, a Cholesteric Liquid Crystal (CLC) layer, a third passivation layer, and the light-diffusion layer in order of proximity to the lower substrate.

13. (Original) The LCD device of claim 12, wherein the light-diffusion layer contacts a surface of the third passivation layer.

14. (Original) The LCD device of claim 13, wherein a plurality of projections are formed on one surface of the light-diffusion layer.

15. (Original) The LCD device of claim 14, wherein the plurality of projections have round shapes.

16. (Original) The LCD device of claim 14, wherein the plurality of projections have smooth curves.

17. (Original) The LCD device of claim 11, wherein the backlight unit comprises a light-scattering means.

18. (Original) The LCD device of claim 17, wherein the light-scattering means comprises a light-diffusion plate, a first prism sheet below the light-diffusion plate, and a second prism sheet below the first prism sheet.

19. (Original) The LCD device of claim 12, wherein a total of Haze of the first polarizing plate and Haze of the second polarizing plate is at least about 40%.

20. (Original) The LCD device of claim 11, wherein the light-diffusion layer is adjacent to the backlight unit.

21. (Original) The LCD device of claim 20, wherein the light-diffusion layer contacts the backlight unit.

22. (Original) The LCD device of claim 11, wherein a plurality of projections are formed on one surface of the light-diffusion layer.

23. (Original) The LCD device of claim 22, wherein the projections contact the backlight unit.

24. (Original) The LCD device of claim 23, wherein the projections contacting the backlight unit have shapes that do not substantially damage the backlight unit.

25. (Original) The LCD device of claim 14, wherein the adhesive layers are devoid of added beads.

26. (Original) The LCD device of claim 14, wherein the light-diffusion layer produces an amount of Haze, and a density of the projections is less than a density of beads that would have to be added to one of the adhesive layers to obtain the same amount of Haze.

27-40. (Cancelled)

REMARKS

In view of the preceding amendments and the comments which follow, and pursuant to 37 C.F.R. § 1.111, amendment and reconsideration of the Office Action dated February 22, 2006, is respectfully requested by Applicant.

Summary

Claims 11 – 26 stand rejected.

Claim 11 has been amended. No new matter has been added as a result of this amendment.

Rejection of Claims

Claims 11, 17-18 and 20 - 24 were rejected under 35 U.S.C. 102(b) as being anticipated by Gunjima (U.S. Patent No. 5,587,816); Claims 12 - 16 and 25 were rejected under 35 U.S.C. 103(a) as being unpatentable over Gunjima in view of Jiang (U.S. Patent 6,573,961); and Claims 19 and 26 were rejected under 35 U.S.C. 103(a) as being unpatentable over Gunjima in view of Jiang and in further view of Uchiyama (U.S. Patent 6,177,153).

In regards to the rejection of Claims 11, 17 – 18 and 20 – 24 pursuant to 35 U.S.C. 102(b), Claim 11 recites, *inter alia*, a light-diffusion layer disposed in contact with the lower substrate. Applicants submit that none of the references, alone or in combination, anticipate or suggest such an arrangement.

Gunjima fails to teach or suggest a light-diffusion layer (8) disposed in contact with the lower substrate (9). For example, the Examiner indicated that Gunjima discloses placing a light-diffusion layer (8) on a prism array (7) (Fig. 2; col. 17, lines 28 – 35). However, Gunjima fails to teach or suggest a light-diffusion layer (8) in contact with the polarizing plate (9). In fact, Figs. 1 and 2 illustrate a contrary arrangement. Figs. 1 and 2 show a gap between polarizing plate 9 and a light-diffusion layer 8.

Gunjima is thus at best ambiguous as to the light-diffusion layer being disposed in contact with the lower substrate. It is well settled that an anticipation rejection cannot be predicated on an ambiguous reference (In re Turley, 304 F.2d 893, 899 134 USPQ 355, 360(CCPA 1962)). For at least this reason Claim 11 is allowable over the cited art.

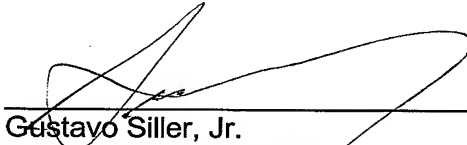
Dependent Claims 12 - 26 are dependent upon an allowable claim. Thus, the dependent claims are allowable, without more.

Accordingly, Claim 11, as well as dependent Claims 12 – 26, is allowable over the cited art.

Conclusion

In view of the above, Applicants respectfully submit that all of the pending claims are in condition for allowance and seek an allowance thereof. If for any reason the Examiner is unable to allow the application in the next Office Action and believes that a telephone interview would be helpful to resolve any remaining issues, he is respectfully requested to contact the undersigned attorney or agent.

Respectfully submitted,



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